Fig. 1

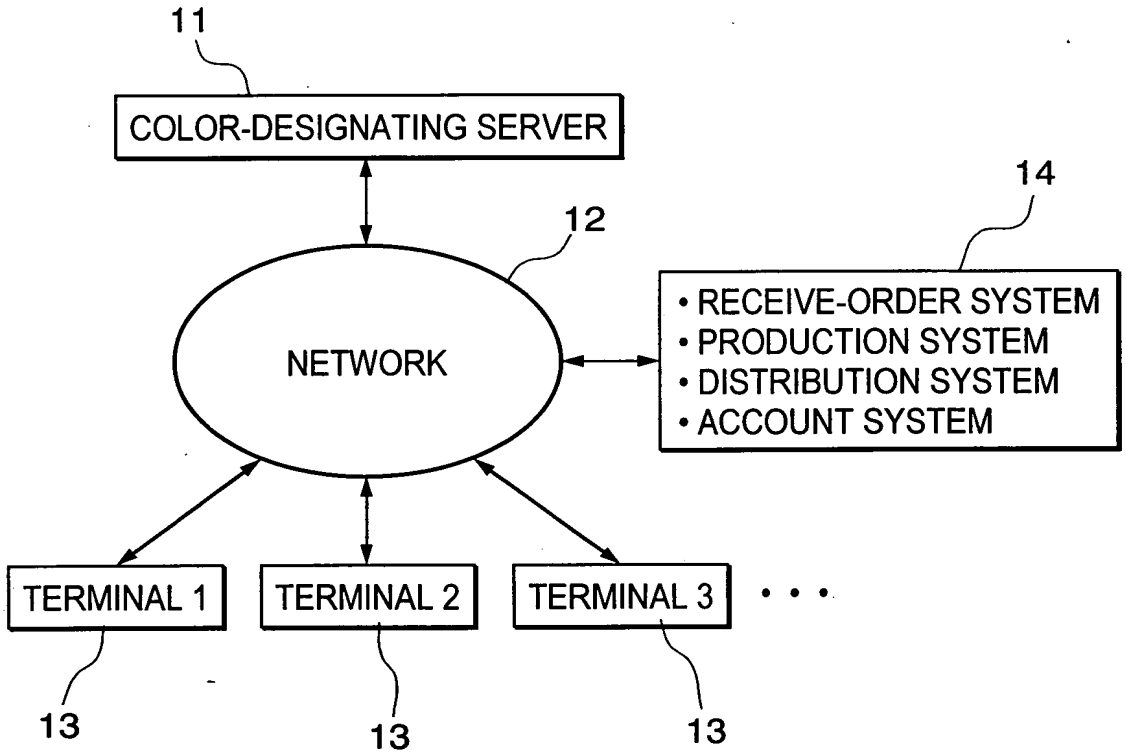

11
COLOR-DESIGNATING SERVER
12
NETWORK
14
• RECEIVE-ORDER SYSTEM
• PRODUCTION SYSTEM
• DISTRIBUTION SYSTEM
• ACCOUNT SYSTEM
TERMINAL 1
TERMINAL 2
TERMINAL 3
• • •
13
13
13

Fig. 2

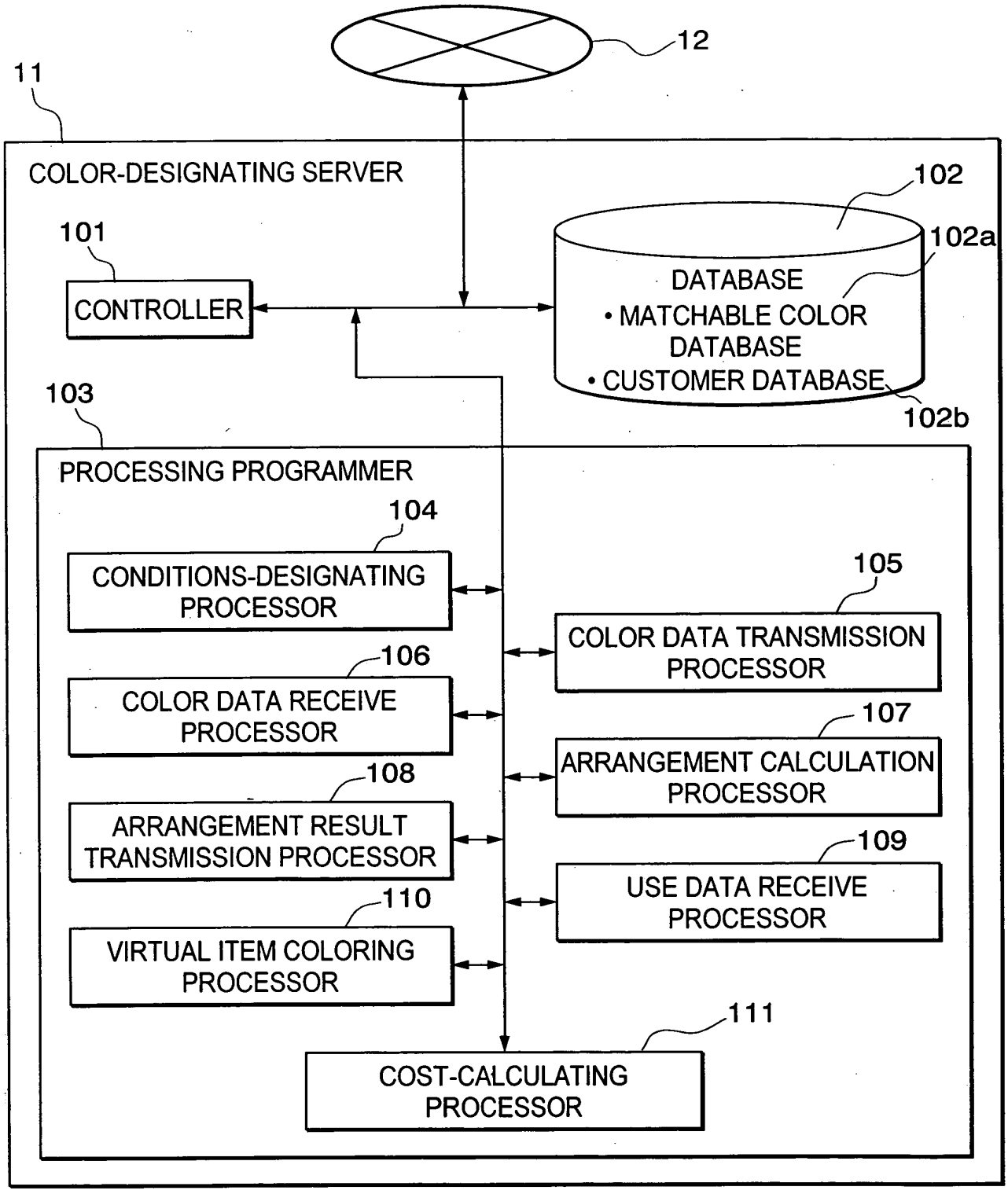

12
11
COLOR-DESIGNATING SERVER
102
101
102a
CONTROLLER
DATABASE
• MATCHABLE COLOR DATABASE
• CUSTOMER DATABASE
102b
103
PROCESSING PROGRAMMER
104
CONDITIONS-DESIGNATING PROCESSOR
105
COLOR DATA TRANSMISSION PROCESSOR
106
COLOR DATA RECEIVE PROCESSOR
107
ARRANGEMENT CALCULATION PROCESSOR
108
ARRANGEMENT RESULT TRANSMISSION PROCESSOR
109
USE DATA RECEIVE PROCESSOR
110
VIRTUAL ITEM COLORING PROCESSOR
111
COST-CALCULATING PROCESSOR

Fig. 3

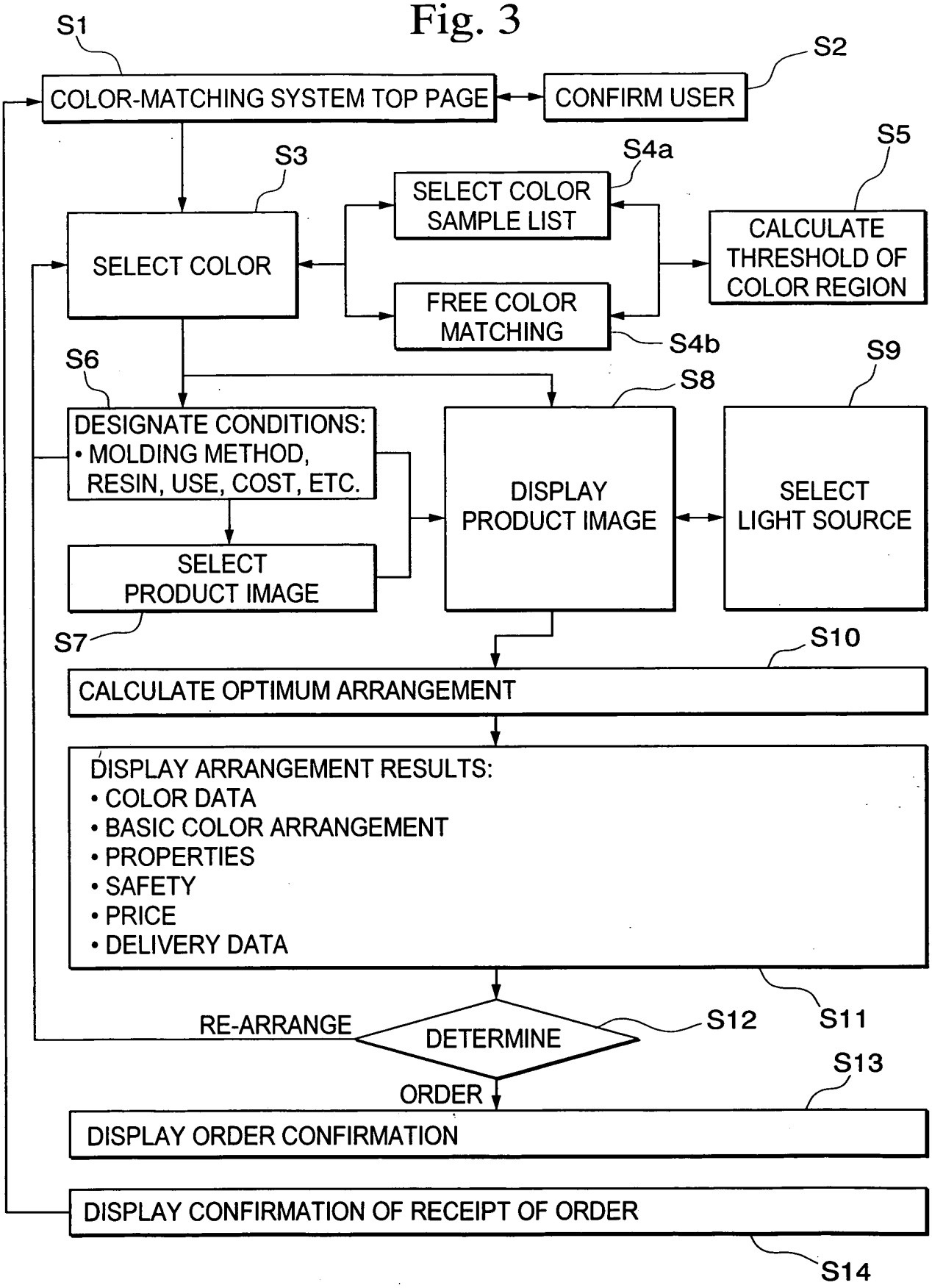

S1
COLOR-MATCHING SYSTEM TOP PAGE
S2
CONFIRM USER
S3
SELECT COLOR
S4a
SELECT COLOR SAMPLE LIST
FREE COLOR MATCHING
S4b
S5
CALCULATE THRESHOLD OF COLOR REGION
S6
DESIGNATE CONDITIONS:
• MOLDING METHOD, RESIN, USE, COST, ETC.
SELECT PRODUCT IMAGE
S7
S8
DISPLAY PRODUCT IMAGE
S9
SELECT LIGHT SOURCE
S10
CALCULATE OPTIMUM ARRANGEMENT
DISPLAY ARRANGEMENT RESULTS:
• COLOR DATA
• BASIC COLOR ARRANGEMENT
• PROPERTIES
• SAFETY
• PRICE
• DELIVERY DATA
S11
RE-ARRANGE
DETERMINE
S12
ORDER
S13
DISPLAY ORDER CONFIRMATION
DISPLAY CONFIRMATION OF RECEIPT OF ORDER
S14

Fig. 4

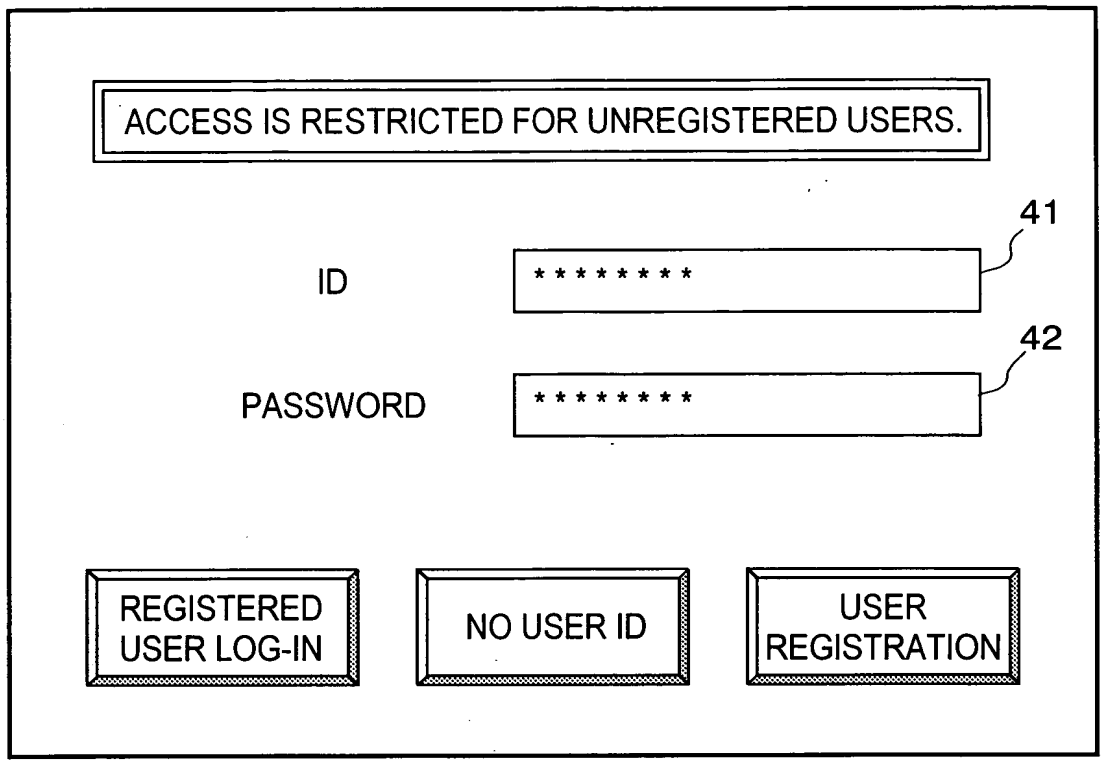
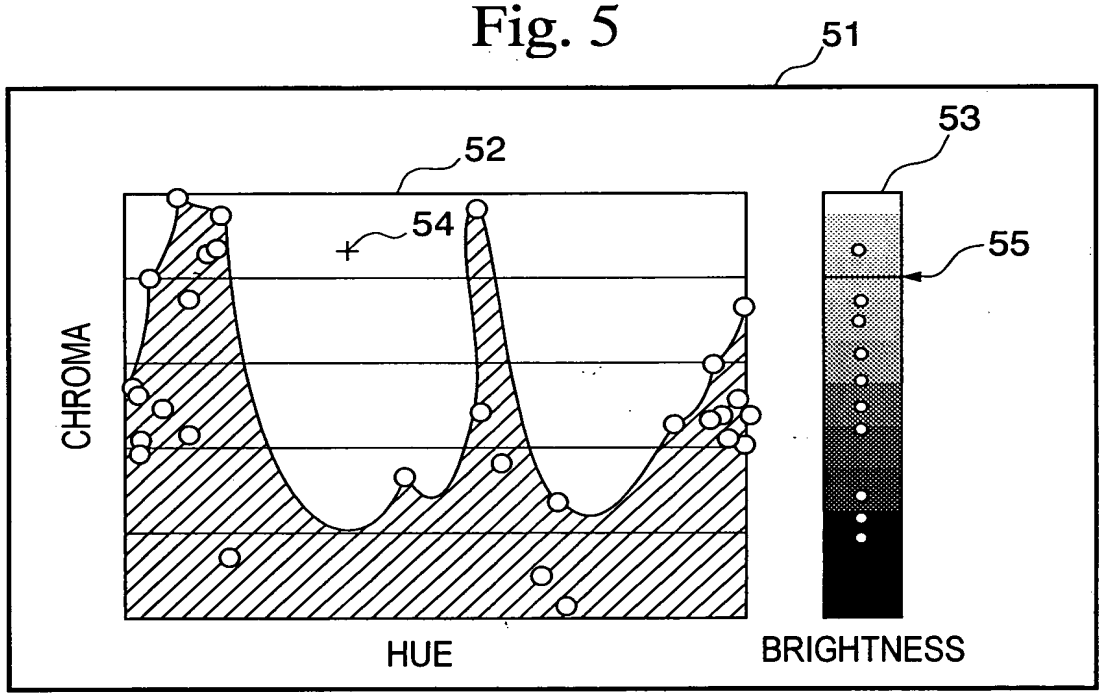


Fig. 5



○ INDICATES BASIC COLOR

Fig. 6

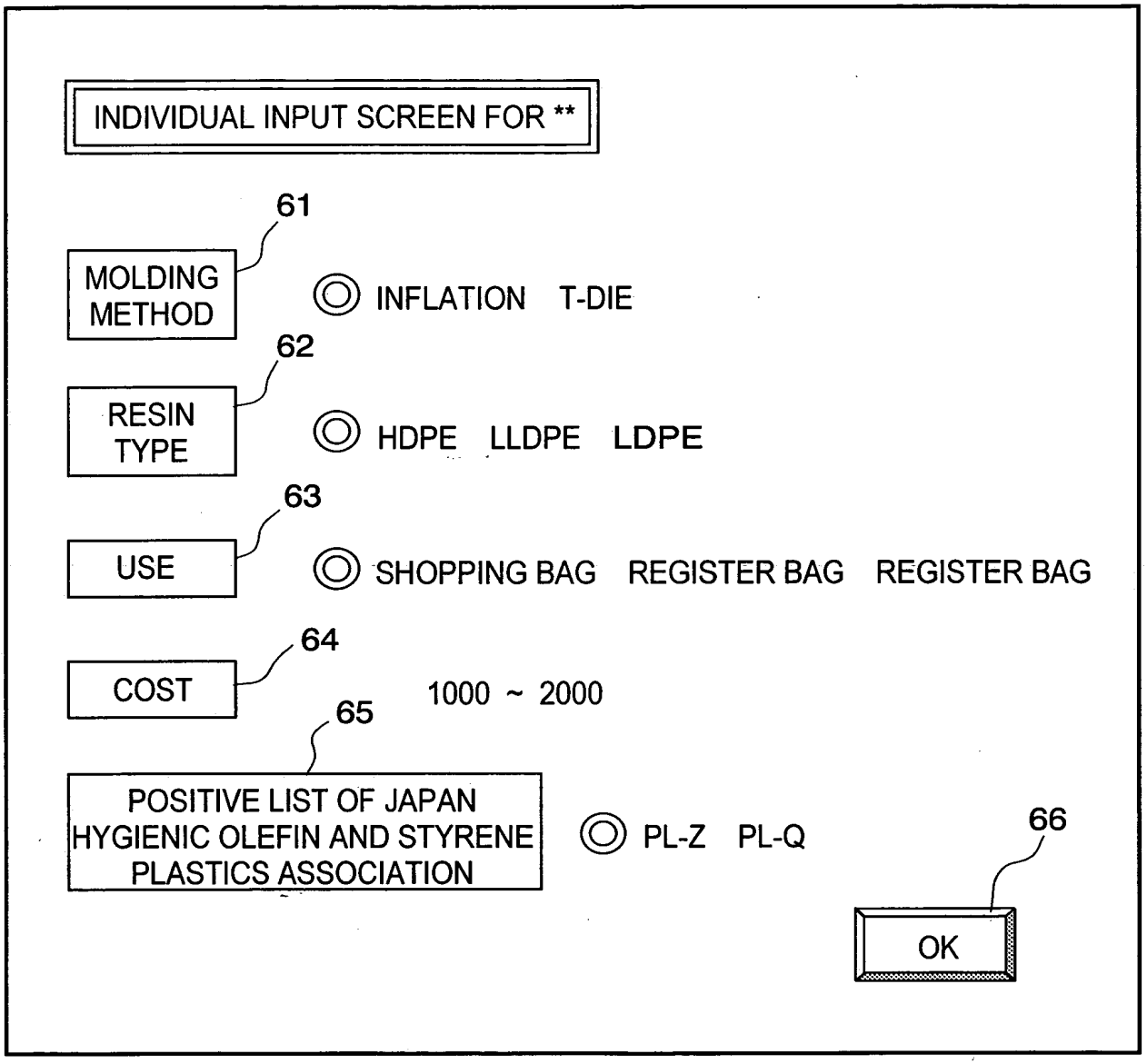

INDIVIDUAL INPUT SCREEN FOR **
61
MOLDING METHOD
INFLATION T-DIE
62
RESIN TYPE
HDPE LLDPE LDPE
63
USE
SHOPPING BAG REGISTER BAG REGISTER BAG
64
COST
1000 ~ 2000
65
POSITIVE LIST OF JAPAN HYGIENIC OLEFIN AND STYRENE PLASTICS ASSOCIATION
PL-Z PL-Q
66
OK

Fig. 7

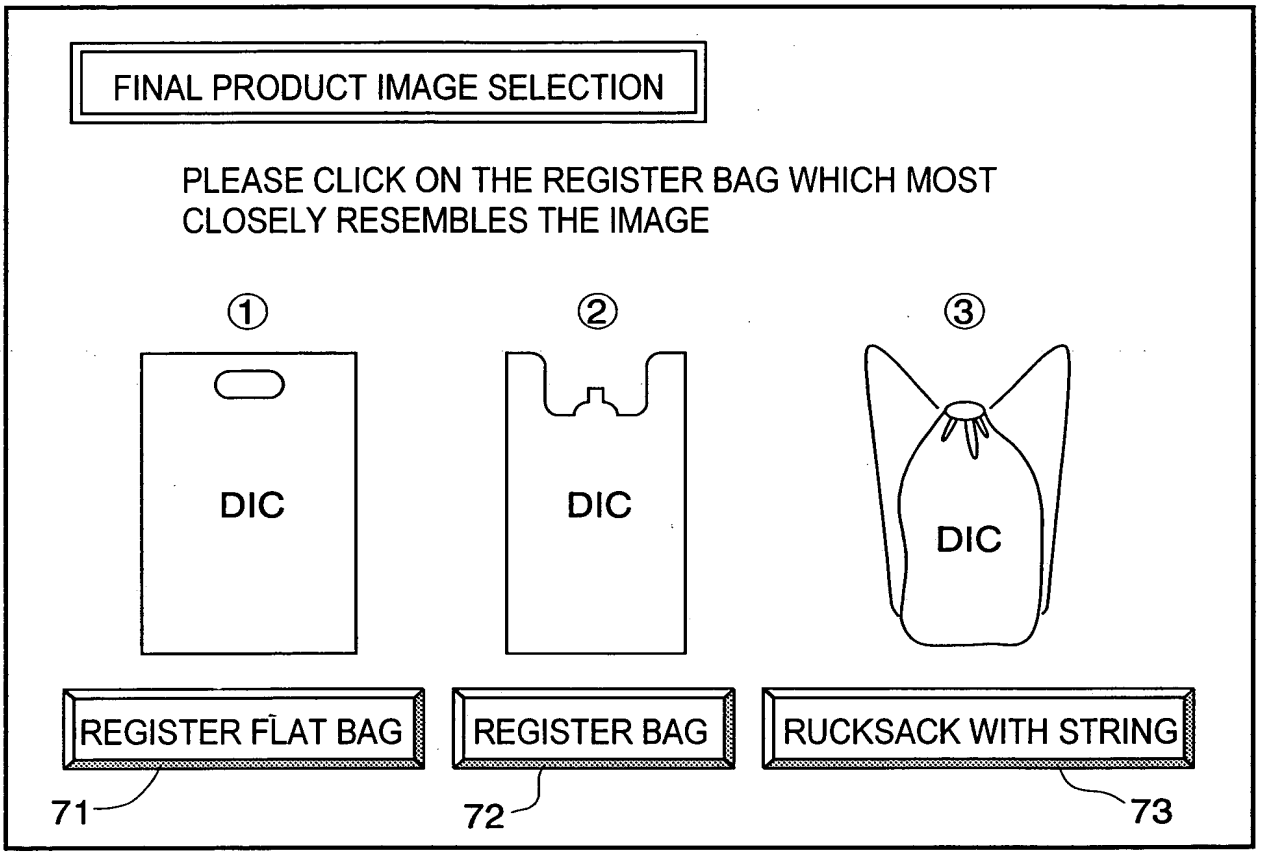

FINAL PRODUCT IMAGE SELECTION
PLEASE CLICK ON THE REGISTER BAG WHICH MOST CLOSELY RESEMBLES THE IMAGE
①
②
③
DIC
DIC
DIC
REGISTER FLAT BAG
REGISTER BAG
RUCKSACK WITH STRING
71
72
73

Fig. 8

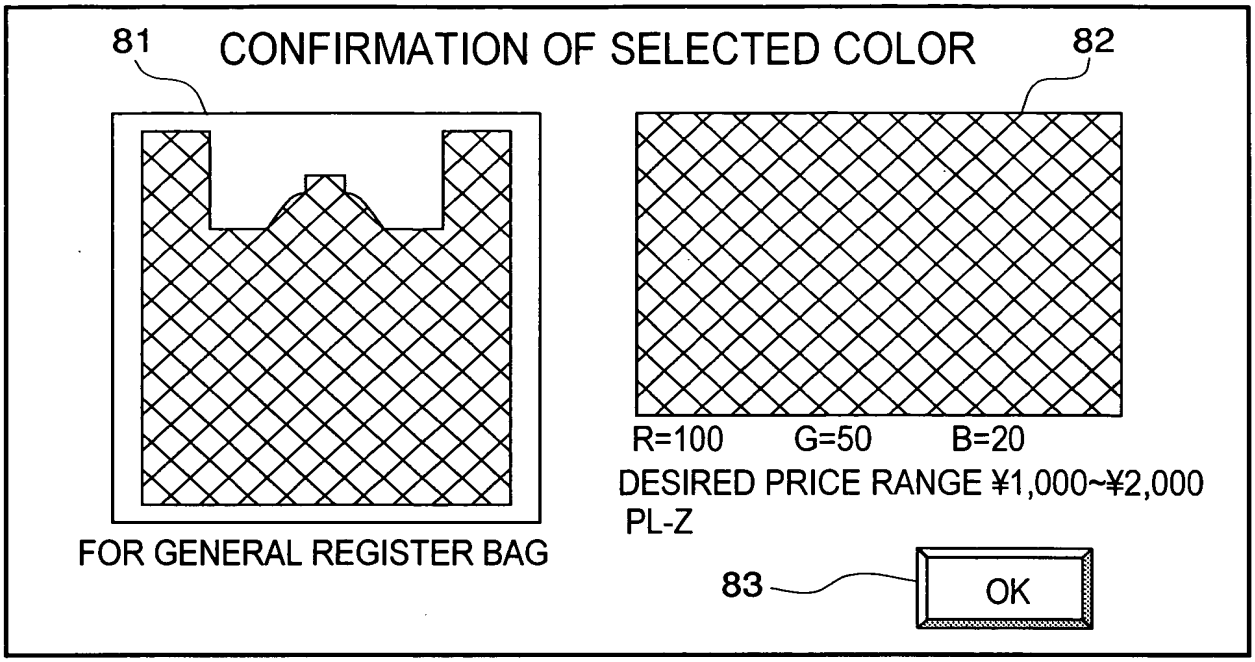

81
CONFIRMATION OF SELECTED COLOR
82
R=100 G=50 B=20
DESIRED PRICE RANGE ¥1,000~¥2,000
PL-Z
FOR GENERAL REGISTER BAG
83
OK

Fig. 9

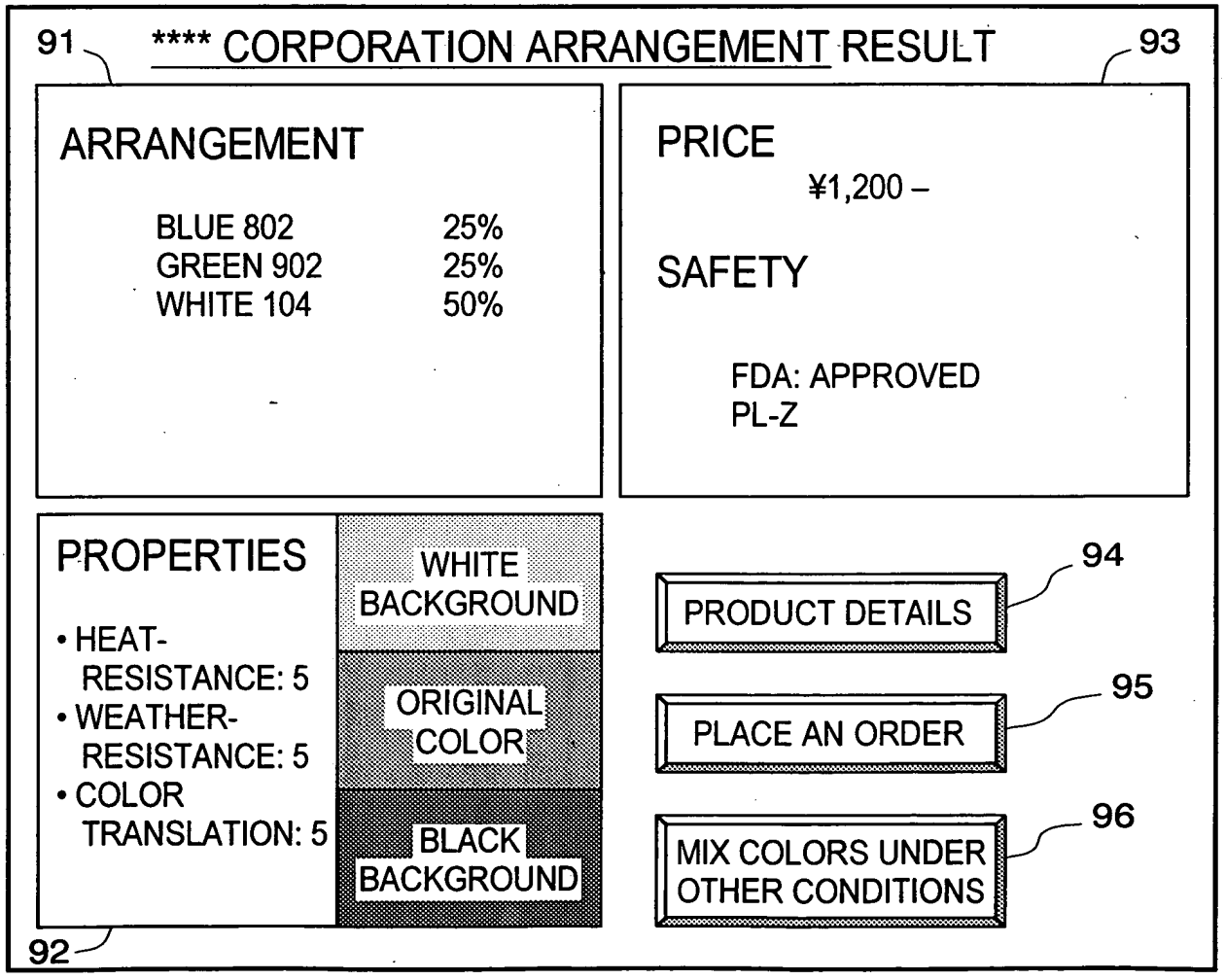

91
**** CORPORATION ARRANGEMENT RESULT
93
ARRANGEMENT
BLUE 802 25%
GREEN 902 25%
WHITE 104 50%
PRICE
¥1,200 –
SAFETY
FDA: APPROVED
PL-Z
PROPERTIES
• HEAT-RESISTANCE: 5
• WEATHER-RESISTANCE: 5
• COLOR TRANSLATION: 5
WHITE BACKGROUND
ORIGINAL COLOR
BLACK BACKGROUND
92
94
PRODUCT DETAILS
95
PLACE AN ORDER
96
MIX COLORS UNDER OTHER CONDITIONS

Fig. 10A

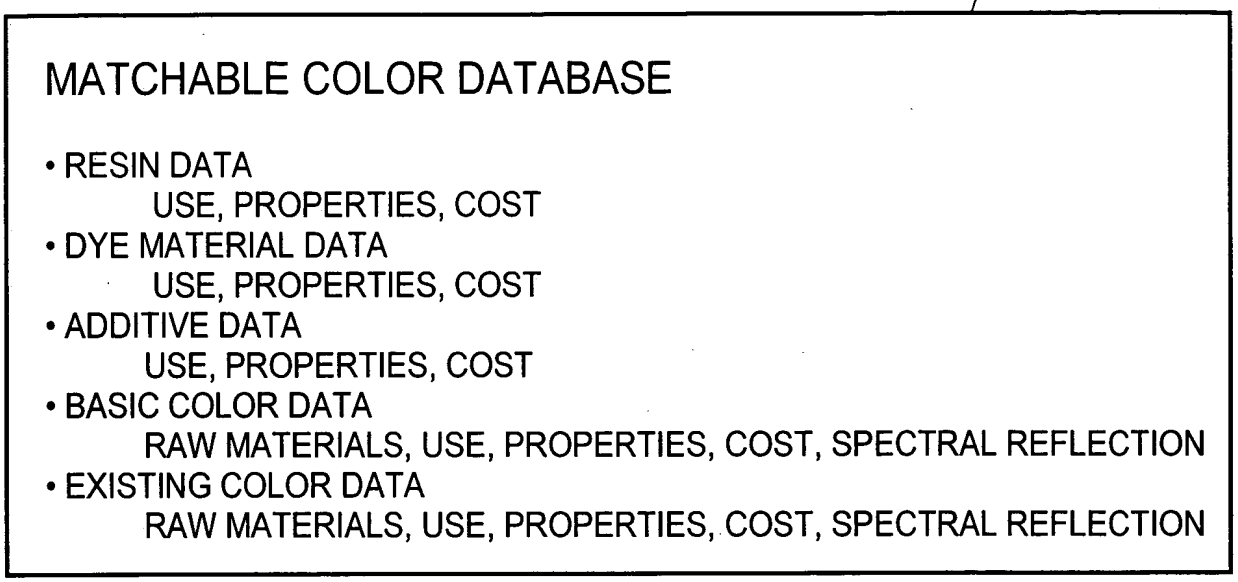


Fig. 10B

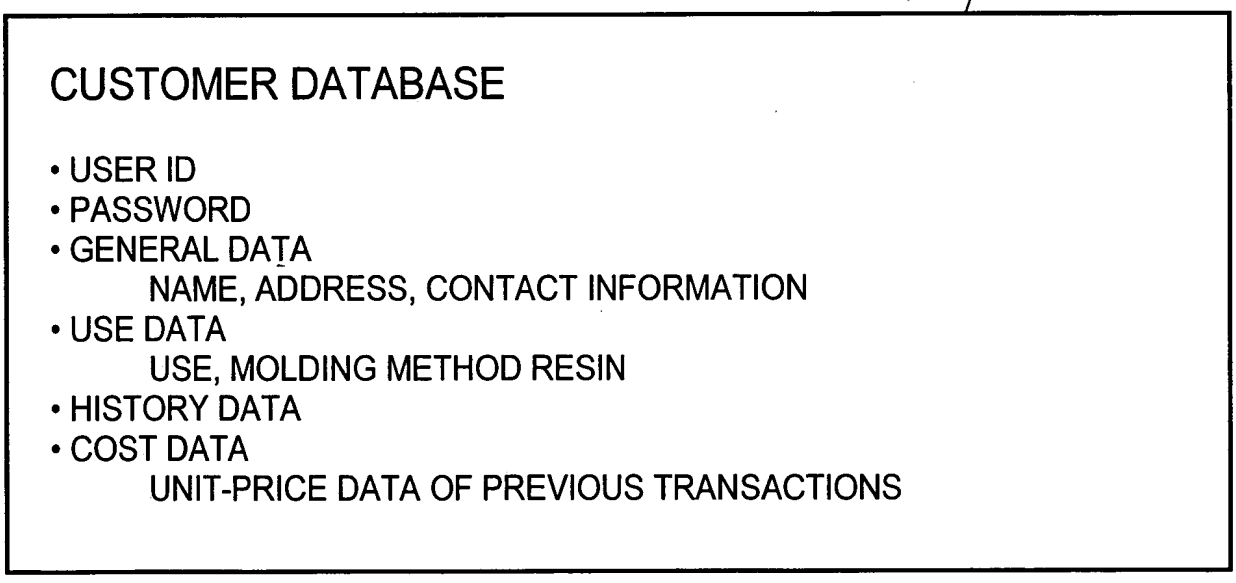


Fig. 11

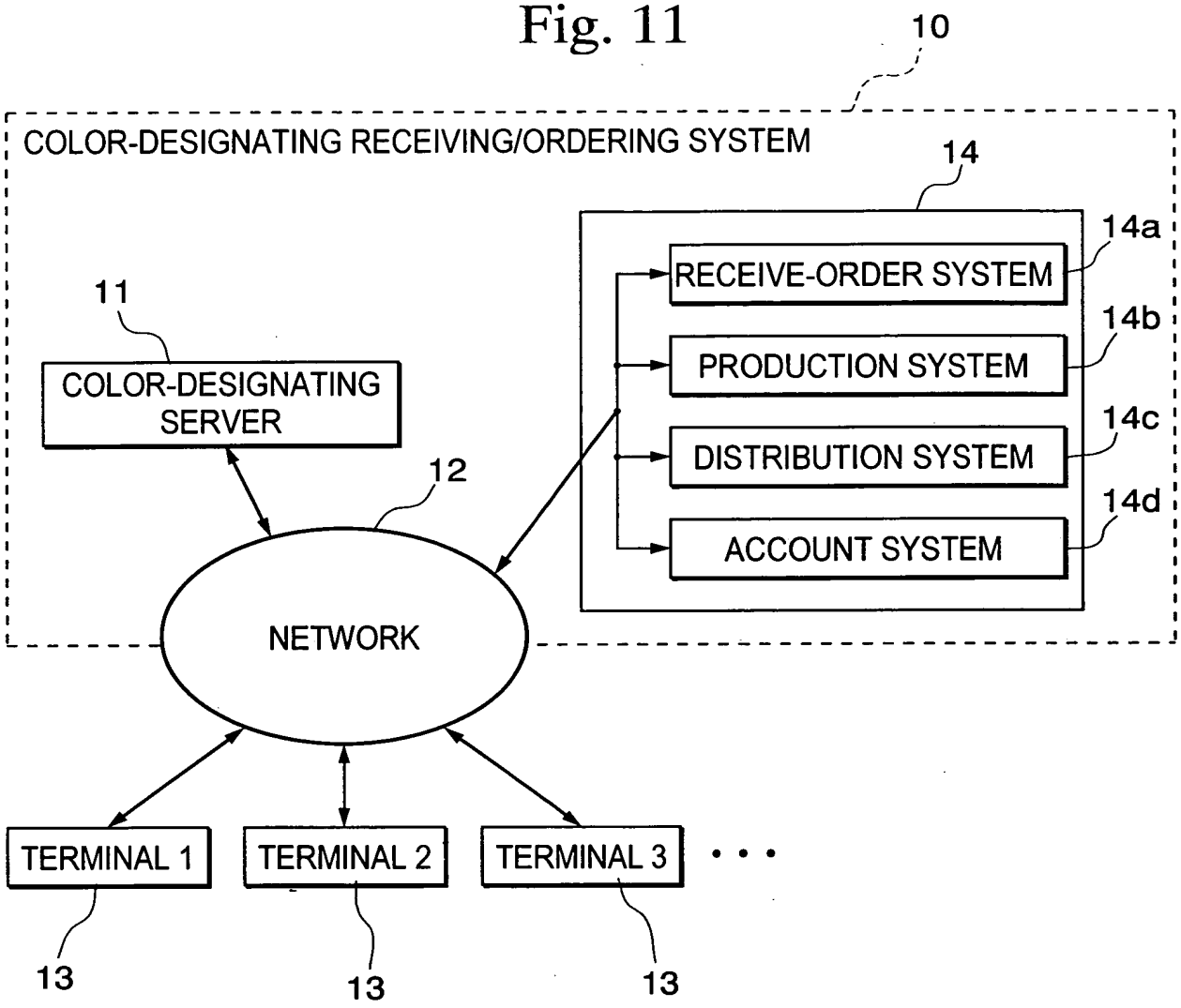
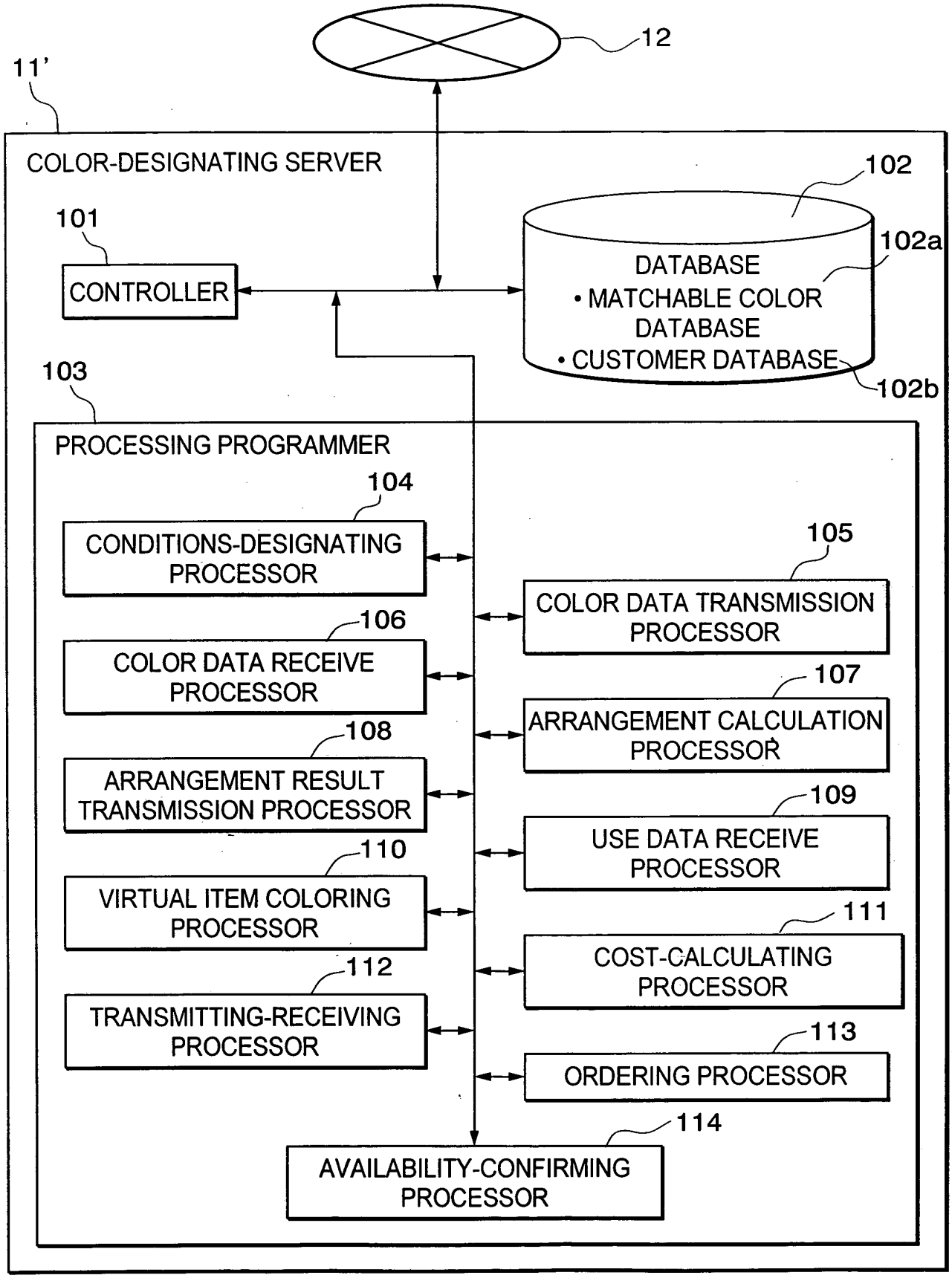

10
COLOR-DESIGNATING RECEIVING/ORDERING SYSTEM
14
14a
RECEIVE-ORDER SYSTEM
14b
PRODUCTION SYSTEM
14c
DISTRIBUTION SYSTEM
14d
ACCOUNT SYSTEM
11
COLOR-DESIGNATING SERVER
12
NETWORK
TERMINAL 1
TERMINAL 2
TERMINAL 3
13
13
13

Fig. 12


12
11'
COLOR-DESIGNATING SERVER
102
101
102a
CONTROLLER
DATABASE
• MATCHABLE COLOR DATABASE
• CUSTOMER DATABASE
102b
103
PROCESSING PROGRAMMER
104
CONDITIONS-DESIGNATING PROCESSOR
105
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106
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107
ARRANGEMENT CALCULATION PROCESSOR
108
ARRANGEMENT RESULT TRANSMISSION PROCESSOR
109
USE DATA RECEIVE PROCESSOR
110
VIRTUAL ITEM COLORING PROCESSOR
111
COST-CALCULATING PROCESSOR
112
TRANSMITTING-RECEIVING PROCESSOR
113
ORDERING PROCESSOR
114
AVAILABILITY-CONFIRMING PROCESSOR

Fig. 13

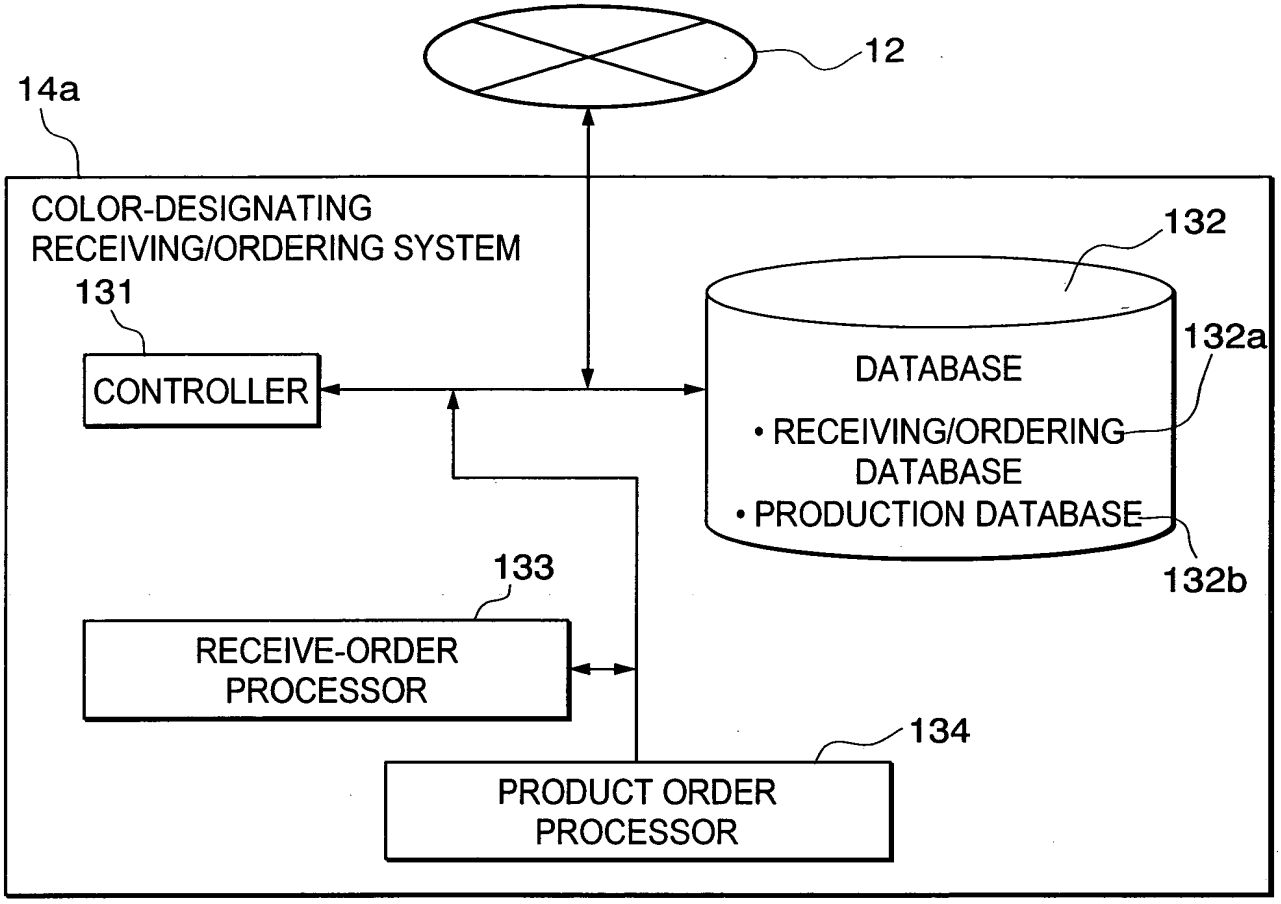
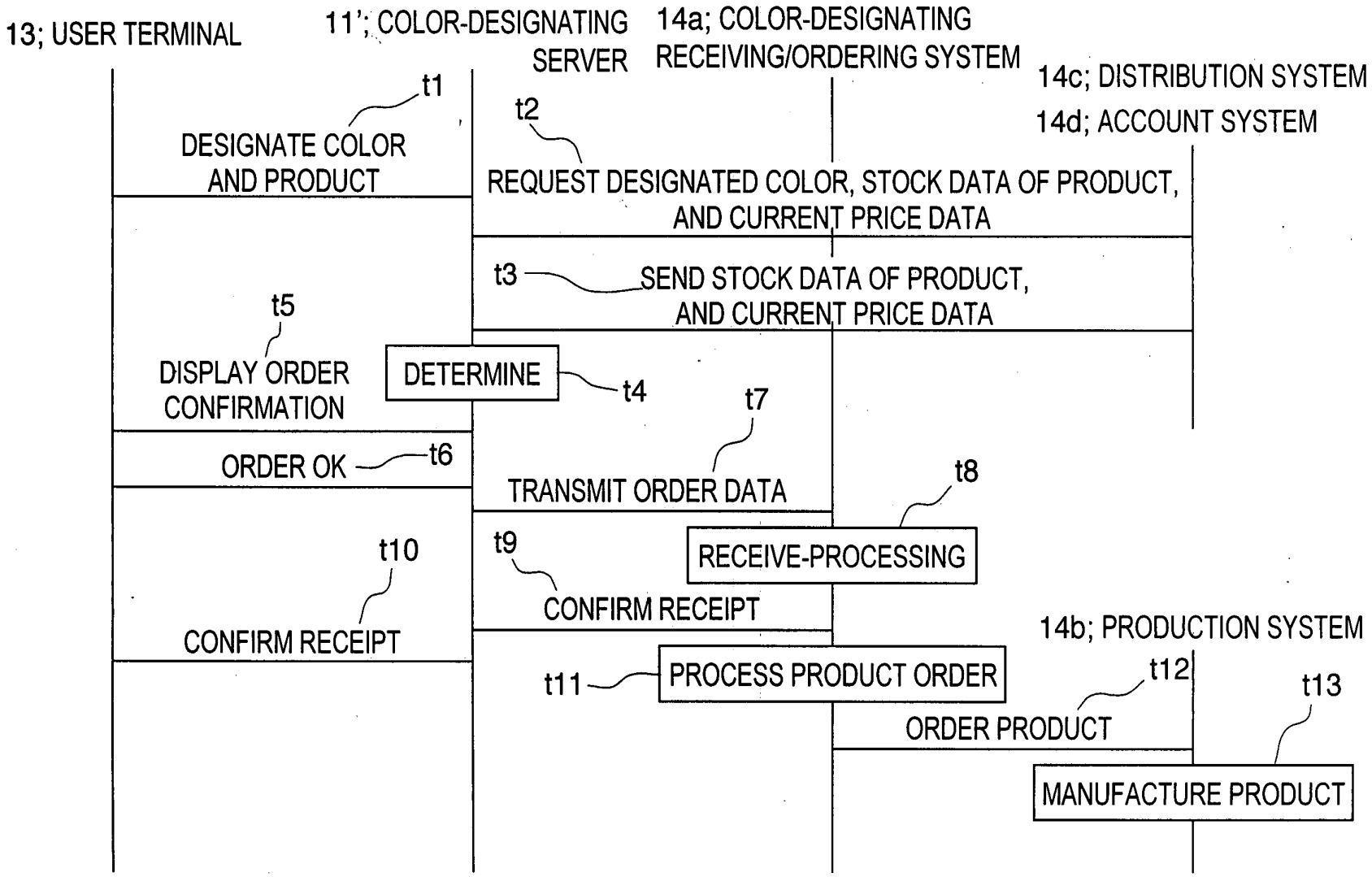

12
14a
COLOR-DESIGNATING
RECEIVING/ORDERING SYSTEM
131
CONTROLLER
132
DATABASE
• RECEIVING/ORDERING DATABASE
• PRODUCTION DATABASE
132a
132b
133
RECEIVE-ORDER PROCESSOR
134
PRODUCT ORDER PROCESSOR

Fig. 14


13; USER TERMINAL
11'; COLOR-DESIGNATING SERVER
14a; COLOR-DESIGNATING RECEIVING/ORDERING SYSTEM
14c; DISTRIBUTION SYSTEM
14d; ACCOUNT SYSTEM
t1
DESIGNATE COLOR AND PRODUCT
t2
REQUEST DESIGNATED COLOR, STOCK DATA OF PRODUCT, AND CURRENT PRICE DATA
t3
SEND STOCK DATA OF PRODUCT, AND CURRENT PRICE DATA
t5
DISPLAY ORDER CONFIRMATION
DETERMINE
t4
t7
ORDER OK
t6
TRANSMIT ORDER DATA
t8
RECEIVE-PROCESSING
t9
t10
CONFIRM RECEIPT
CONFIRM RECEIPT
14b; PRODUCTION SYSTEM
t11
PROCESS PRODUCT ORDER
t12
t13
ORDER PRODUCT
MANUFACTURE PRODUCT